



s.p. química, s.a.

DOMICILIO:

Ctra. Reus-Vinyols, km 4,1
Tel. (34) 977 85 00 26
Telefax (34) 977 85 05 21
43330 - RIUDOMS (Tarragona)

CORRESPONDENCIA:

Apartado / P.O. Box 78
43330 - RIUDOMS (Tgna) SPAIN
E-mail: spquimica@spquimica.com

CERTIFICATE OF ANALYSIS

Product: DIETHYLAMINE SALICYLATE BP
Batch nr: SP-1020.15.0007
Date: 8 APRIL 2015

<u>CONCEPT</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>	<u>METHOD</u>
Description:	White or almost white crystals, photosensitive; very soluble in water, freely soluble in ethanol (96 %)	Complies	SPA-1020-05
Identification A (IR):	Complies	Complies	SPA-1020-05
Identification B:	Complies	Complies	SPA-1020-05
Assay:	99.0 - 101.0 %	99.5 %	SPA-1020-05
Melting point:	100 - 102°C	100.2-100.9°C	SPA-1020-05
Loss on drying:	≤0.1%	0.01 %	SPA-1020-05
Clarity:	Clear	Complies	SPA-1020-05
Colour:	≤BY ₅	Complies	SPA-1020-05
Acidity:	≤0.2 ml NaOH 0.1N	<0.2 ml	SPA-1020-05
Heavy metals:	≤10 ppm	<10 ppm	SPA-1020-05
Sulphate:	≤250 ppm	<250 ppm	SPA-1020-05
4-hydroxybenzoic acid:	≤0.1 %	0.003 %	SPA-1020-05
4-hydroxyisophtalic acid:	≤0.05 %	<0.015 %	SPA-1020-05
Phenol:	≤0.02 %	<0.0077 %	SPA-1020-05
Any other impurity:	≤0.05 %	<0.05 %	SPA-1020-05
Total impurities:	≤0.2 %	0.003 %	SPA-1020-05
pH:	5.0-7.0	5.8	SPA-1020-05
Isopropyl alcohol:	≤5000 ppm	2389 ppm	SPA-1020-05
N-heptane:	≤5000 ppm	2196 ppm	SPA-1020-05

OBSERVATIONS:

Manufacture Date: **MARCH 2015**
Expiry Date: **MARCH 2018**

SP QUÍMICA, S.A.
Quality Control

MP.CC.009_2. ANEXO 7
COD:SPE-1020-05

Inscrita Reg. Mer. de Tarragona, fecha 15. 02. 85, tomo 333, libro 257, Secc. Sdades., folio 17, hoja 5.427, Inscripción 1ª.
C.I.F. A - 43063379.

